



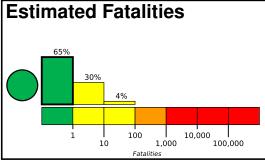


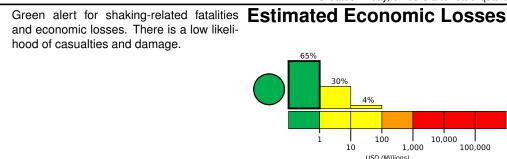
PAGER Version 3

Created: 1 day, 0 hours after earthquake

M 5.6, 3 km N of Cocachacra, Peru

Origin Time: 2022-01-07 10:27:08 UTC (Fri 05:27:08 local) Location: 11.8819° S 76.5352° W Depth: 109.7 km





Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	2,611k*	11,225k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan **Structures**

tures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and reinforced/confined masonry construction.

Overall, the population in this region resides in struc-76.2°W 75.1 Yanacancha Chaupimarca 10.6°S Cerro de Pasco

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
1981-04-18	271	5.5	VI(193k)	8
1976-05-15	231	6.7	VII(6k)	5
2007-08-15	166	8.0	VIII(493k)	514

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Villa Rica Barranca Carhuamayo San Ramon Tarma 11.8°S Jauja hupaca **Selected City Exposure** Huampara 12.9°S Nuevo Imperial

from G	eoNames.org	
MMI	City	Population
IV	San Isidro	68k
IV	San Luis	9k
IV	Callao	813k
IV	Lima	7,737k
IV	Vitarte	<1k
IV	Santiago de Surco	252k
III	Huacho	55k
Ш	Cerro de Pasco	79k
Ш	Huancayo	377k
III	Chincha Alta	153k
Ш	Huancavelica	42k
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bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Chincha